L Number	Hits	Search Text	DB	Time stamp
-	4028	(qfps qfp (quad adj flat adj packs)(quad adj flat adj package))	USPAT; US-PGPUB; EPO; JPO;	2002/12/10-10:02
-	304	ir near1 voltage near1 drop\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:04
- -	10608	(wre wiring) with parallel	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:04
_	0	(ir near1 voltage near1 drop\$4) and ((wre wiring) with parallel)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:04
_	98123	voltage near1 drop\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:05
_	600	((wre wiring) with parallel) and (voltage nearl drop\$4)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:05
	. 3	((qfps qfp (quad adj flat adj packs)(quad adj flat adj package))) and (((wre wiring) with parallel) and (voltage nearl	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:05
-	72	<pre>drop\$4)) (((wre wiring) with parallel) and (voltage near1 drop\$4)) and ((bonding bond) near pad)</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:06
_	69	((((wre wiring) with parallel) and (voltage nearl drop\$4)) and ((bonding bond) near pad)) and (die chip)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:10
_	. 31	<pre>(die chip (integrated adj circuit)) same (((two pair) nearl ((bond bonding) adj pad)) near2 (wire wiring))</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:20
-	3860	<pre>(die chip (integrated adj circuit)) same (((bond bonding) adj pad) near2 (wire wiring))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:22
_	6	"6169331"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:24
-	11	"5905639"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:25
-	9	"6097098"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:25
_	11	"5838072"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:26
_	11	"6091140"	USPAT; US-PGPUB; EPO; JPO;	2002/12/10 10:38
_	11	"5883427"	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/10 10:38

	·	11/01/4/1001	TICDAM	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1-	9	"6144102"	USPAT;	2002/12/10
1	1	,	US-PGPUB;	10:38
1	1		EPO; JPO;	Į l
1		,	DERWENT	
-	-8	"6291884"	USPAT;	2002/12/10
			US-PGPUB;	10:39
1	Ī		EPO; JPO;	
			DERWENT	
[_	4	"6211461"	USPAT;	2002/12/10
-	4	0211401		I I
	i		US-PGPUB;	10:39
			EPO; JPO;	
		l	DERWENT	
-	8	"5793104"	USPAT;	2002/12/10
			US-PGPUB;	10:39
			EPO; JPO;	
			DERWENT	
-	10	"5864174"	USPAT;	2002/12/10
		_ · · · · - · · -	US-PGPUB;	10:39
l			EPO; JPO;	-0.00
			1 '	1
1_	14	"5412247"	DERWENT	2002/12/10
1 -	14	"5412247"	USPAT;	2002/12/10
			US-PGPUB;	10:39
			EPO; JPO;	
			DERWENT	
-	12	"6300685"	USPAT;	2002/12/10
1			US-PGPUB;	10:39
			EPO; JPO;	
F			DERWENT	
1 -	2	"6218728"	USPAT;	2002/12/10
1		3223720	US-PGPUB;	10:40
				10.40
			EPO; JPO;	
		/#(1(0221# #F00F(20# #600#000# #F0000##	DERWENT	0000 (10 (20
-	114	("6169331" "5905639" "6097098" "5838072"	USPAT;	2002/12/10
		"6091140" "5883427" "6144102" "6291884"	US-PGPUB;	10:40
		"6211461" "5793104" "5864174" "5412247"	EPO; JPO;	
1		"6300685" "6218728") not (((wre wiring)	DERWENT	j l
		with parallel) and (voltage near1		
ì		drop\$4)) and ((bonding bond) near pad))		
		not ((die chip (integrated adj circuit))	İ]
		same (((two pair) near1 ((bond bonding)	1	
		adj pad)) near2 (wire wiring)))	1	
_	114	"6169331" "5905639" "6097098" "5838072"	USPAT;	2002/12/10
	***	"6091140" "5883427" "6144102" "6291884"	US-PGPUB;	10:41
			1	10.41
1		"6211461" "5793104" "5864174" "5412247"	EPO; JPO;	
		"6300685" "6218728"	DERWENT	1 2002 /12 /12
- .	0	6472764.URPN.	USPAT	2002/12/10
			1.	10:46
-	17	("4213141" "4403240" "5043943"	USPAT	2002/12/10
		"5303180" "5353250" "5354955"		10:46
1	ļ	"5399904" "5455460" "5598967"	1	
		"5612575" "5682105" "5763298"		
}	İ	"5838072" "5880596" "5989939"		
1		"6097098" "6194774").PN.		
 	4	6194774.URPN.	USPAT	2002/12/10
	1			10:53
	27	("3614554" "4446445" "5024966"	USPAT	2002/12/10
	"	"5.173672" "5221984" "5321299"		10:54
			٠.	10.34
		"5376902" "5378869" "5394008"		
1		"5519233" "5572180" "5576680"		
1		"5639989" "5710068" "5736749"	1	[
		"5744869" "5767563" "5793096"	1	
		"5849355" "5877667" "5880517"		
1		"5886393" "5912997" "5920067"		
<u>}</u>		"5929636" "5966063" "5973567").PN.		
_	6	5989939.URPN.	USPAT	2002/12/10
}				11:46
_	8	("4764848" "5148265" "5148266"	USPAT	2002/12/10
	o l		OSFAI	
		"5455390" "5476211" "5801446"		11:46
		"5806181" "5829128").PN.	<u> </u>	<u> </u>

_	8	("5170312" "5172471" "5276352"	USPAT	2002/12/10
		"5304737" "5473196" "5587607"		11:49
ł	1	"5686764" "5723906").PN.		
<u> </u>	17	5473196.URPN.	USPAT	2002/12/10
-	1 1	J4/J190. ORFN.	USPAI	
	1.00		l	11:53
-	103	("3851221" "4567643" "4730232"	USPAT	2002/12/10
		"4763188" "4883773" "4982265"		11:55
		"4996587" "5012323" "5025306"		
	}	"5040052" "5104820" "5117282"		ļ
		"5138438" "5140404" "5148265"		1
		"5162260" "5165067" "5198888"		†
		"5229647" "5258330" "5291061"	1	<u> </u>
1		"5323060" "5334875" "5343366"	ì	
į	ĺ	"5347429" "5384689" "5422435"		
	1	· · · · · · · · · · · · · · · · · · ·		
	ł	, , ,		
		"5432729" "5455740" "5463253"		
	ľ	"5473196" "5477611" "5479318"	•	
	ł	"5481134" "5493476" "5495394"		1
		"5495398" "5502289" "5514907"	1	<u> </u>
ļ		"5519936" "5533256" "5536909"	İ	
-	1	"5541812" "5552963" "5569625"		1
1		"5581498" "5586009" "5587341"		·
		"5605592" "5608262" "5614766"		
ļ		"5633785" "5637536" "5637912"	<i>'</i>	1
	ļ	"5650593" "5654220" "5682062"		
	ŀ	"5684330" "5689135" "5696031"		
		"5715147" "5716221" "5721452"		
		"5739581" "5744284" "5753974"	ļ [*]	
1		ı , , , , , , , , , , , , , , , , , , ,		
ļ		,		
		"5793108" "5798014" "5815372"		
İ	İ	"5824177" "5847932" "5858815"		
	l	"5861666" "5863813" "5866949"		į į
1		"5872025" "5885849" "5886412"		
	["5917242" "5950070" "5952611"		
}		"5973403" "5989982" "6005778"		1
		"6025251" "6028354" "RE36613"		
		"6043109" "6051886" "6057598"		<u> </u>
		"6072154" "6072243" "6080264"		
		"6184463" "6204091" "6214641"		
		"6235554").PN.		
-	1	"5239447".PN.	USPAT	2002/12/10
	-			12:05
I -	17	5473196.URPN.	USPAT	2002/12/10
1	''	01/0150101/14.	JULKI	12:05
1_	8	("5170312" "5172471" "5276352"	USPAT	2002/12/10
	ľ		OSEAT	
\ <u>-</u>		"5304737" "5473196" "5587607"		12:08
	{	"5686764" "5723906").PN.	· · · · · · · · · · · · · · · · · · ·	1 2002 /12 /22
-	1	"3688132".PN.	USPAT	2002/12/10
	_	/#F004000# 1 #F605406# 1 #F		12:14
-	8	("5394009" "5627408" "5777391"	USPAT	2002/12/10
1		"5793104" "5864174" "5956233"		12:19
		"5976916" "6013948").PN.		
-	5	("4897918" "5388327" "5490324"	USPAT	2002/12/10
		"5594275" "5990565").PN.		12:21
l –	1	6211461.URPN.	USPAT	2002/12/10
	_			12:21
-	2	6169331.URPN.	USPAT	2002/12/10
	[CLUBULT VALLATT.		12:23
L	l		I	12.20

	· · · · · · · · · · · · · · · · · · ·			1 1
-	43	("4080485" "4241360" "4359754"	USPAT	2002/12/10
ł	Ì	"4403240" "4750666" "4984065"	1	12:23
ľ	}	"5036015" "5058798" "5081520"		
	İ	"5235212" "5298793" "5343064"		
	}	"5355004" "5359227" "5367195"		ĺ
		"5371654" "5384487" "5492863"	}	
		"5539251" "5550083" "5559428"		
	l			
		"5587607" "5650914" "5677574"		
	ļ	"5681647" "5712695" "5723906"		
}		"5804876" "5808354" "5817030"		
}	1	"5818564" "5821624" "5828116" <u> </u>		1
		"5838072" "5854513" "5879530"		
		"5909055" "5923091" "6008533"	1	
	}	"6008542" "6013944" "6025651"		1
		"6028354").PN.		
_	7	5714800.URPN.	USPAT	2002/12/10
	,	3711000.0KIN.	051711	12:34
	1.5	· · · · · · · · · · · · · · · · · · ·	II.CDAM	
-	15	("5081563" "5126813" "5148265"	USPAT	2002/12/10
	1	"5148266" "5227232" "5258330"		12:35
	1	"5315486" "5319241" "5381047"		
		"5402318" "5412247" "5414298"		
		"5463246" "5491362" "5528075").PN.	ł	
[-	34	(US-6489667-\$ or US-6479887-\$ or	USPAT;	2002/12/10
1		US-6472764-\$ or US-6194774-\$ or	DERWENT	12:40
	l	US-6424223-\$ or US-5767563-\$ or		
		US-5519233-\$ or US-5376902-\$ or]
	ļ .	US-6097098-\$ or US-5989939-\$ or		
			1	
		US-5148265-\$ or US-5473196-\$ or		l l
	[US-5973403-\$ or US-5950070-\$ or	}	1
		US-5696031-\$ or US-5495398-\$ or		j
		US-5258330-\$ or US-5838072-\$ or		į
		US-6462407-\$ or US-6445077-\$ or		1
		US-6300685-\$ or US-6291884-\$ or		
1		US-6211461-\$ or US-6169331-\$ or		
		US-6476506-\$ or US-6008533-\$).did. or		
		(US-5828116-\$ or US-4403240-\$ or		}
		US-4359754-\$ or US-6091140-\$ or		
	(US-5905639-\$ or US-5883427-\$ or		1
Ì	,	US-5714800-\$).did. or		
		(JP-2000151223-\$).did.		
-	4	("6169331" "5905639" "6097098" "5838072"	USPAT;	2002/12/10
		"6091140" "5883427" "6144102" "6291884"	US-PGPUB;	13:08
1		"6211461" "5793104" "5864174" "5412247"	EPO; JPO;	į
1		"6300685" "6218728") and (stitch adj	DERWENT	
		bond)		
_	10	("6169331" "5905639" "6097098" "5838072"	USPAT;	2002/12/10
1		"6091140" "5883427" "6144102" "6291884"	US-PGPUB;	13:18
		"6211461" "5793104" "5864174" "5412247"	EPO; JPO;	
ļ	["6300685" "6218728") and ((ball adj		
			DERWENT	
		bond) (stitch adj bond))		1 2002 /12 /12
-	14	("5359227" "5468999" "5691568"	USPAT	2002/12/10
1		"5796171" "5801450" "5962926"		13:14
		"6121690" "6148505" "6160313"		
		"6169331" "6215182" "6291898"		
		"6297078" "6307271" "2001/0017411"		
		"2002/0011654" "2002/0024146").PN.		Į l
-	238	((die chip (integrated adj circuit)) same	USPAT;	2.003/11/14
1	[(((bond bonding) adj pad) near2 (wire	US-PGPUB;	08:38
1		wiring))) and ((ball adj bond)(stitch adj	EPO; JPO;	
	1	bond))	DERWENT	
_	104		1	2003/11/14
1 -	104	((die chip (integrated adj circuit)) same	USPAT;	2003/11/14
ļ		(((bond bonding) adj pad) near2 (wire	US-PGPUB;	08:39
		wiring))) and (((ball adj bond)(stitch	EPO; JPO;	1
1		adj bond)) near3 (ball pad))	DERWENT	
-	22	((die chip (integrated adj circuit)) same	USPAT;	2003/11/14
1		(((bond bonding) adj pad) near2 (wire	US-PGPUB;	08:40
}		wiring))) and ((ball adj bond) near3	EPO; JPO;	1
1	[(ball pad)) and ((stitch adj bond) near3	DERWENT	į l
		(ball pad))	221.772111	1
	L	/nait han!	L	<u> </u>

_	15		USPAT;	2002/12/10
		(((bond bonding) adj pad) near2 (wire	US-PGPUB;	13:30
		wiring))) and ((ball adj bond) near2	EPO; JPO;	
		(ball pad)) and ((stitch adj bond) near2	DERWENT	
1		(ball pad))		
-	2	5989939.pn. and (wire wiring)	USPAT;	2002/12/11
1			US-PGPUB;	09:59
	_		EPO; JPO;	
			DERWENT .	
-	0	5989939.pn. and (gold copper aluminum)	USPAT;	2002/12/11
			US-PGPUB;	10:02
	•		EPO; JPO;	
			DERWENT	0000/10/11
-	1	5989939.pn. and trace	USPAT;	2002/12/11
			US-PGPUB;	10:23
			EPO; JPO;	
ļ	6	#C1 C0221 #	DERWENT	2002/12/11
[-	•	"6169331"	USPAT; US-PGPUB;	2002/12/11
	,		EPO; JPO;	10.20
		·	DERWENT	
<u>_</u>	3	"6169331" and ((stitch adj bond) (ball	USPAT;	2002/12/11
]	adj bond))	US-PGPUB;	10:29
		uaj 2011a,	EPO; JPO;	10.23
			DERWENT	
_	8	("4393392" "4720915" "4751482"	USPAT	2003/06/15
		"5006673" "5371405" "5616952"		12:05
		"5677570" "5789816").PN.		
-	10	5838072.URPN.	USPAT	2003/06/15
				12:06
-	0	6351040.URPN.	USPAT	2003/06/15
				12:14
-	17	("4213141" "4403240" "5043943"	USPAT	2003/06/15
		"5303180" "5353250" "5354955"		12:14
		"5399904" "5455460" "5598967"		
		"5612575" "5682105" "5763298"		
		"5838072" "5880596" "5989939" "6097098" "6194774").PN.		
_	0		TICDATE	2002/06/15
-	U	6348400.URPN.	USPAT	2003/06/15 12:19
_	17	("4213141" "4403240" "5043943"	USPAT	2003/06/15
	1,	"5303180" "5353250" "5354955"	UDIAI	12:19
		"5399904" "5455460" "5598967"		
		"5612575" "5682105" "5763298"		
]		"5838072" "5880596" "5989939"		
		"6097098" "6194774").PN.	-	
-	288	((die chip (integrated adj circuit)) same	USPAT;	2003/11/14
		(((bond bonding) adj pad) near2 (wire	US-PGPUB;	08:38
		wiring))) and ((ball adj bond)(stitch adj	EPO; JPO;	
•		bond))	DERWENT	
-	132	((die chip (integrated adj circuit)) same	USPAT;	2003/11/14
		(((bond bonding) adj pad) near2 (wire	US-PGPUB;	08:39
		wiring))) and (((ball adj bond)(stitch	EPO; JPO;	
		adj bond)) near3 (ball pad))	DERWENT	0000/11/4
_	38	(((die chip (integrated adj circuit))	USPAT;	2003/11/14
1		same (((bond bonding) adj pad) near2	US-PGPUB;	08:40
]		(wire wiring))) and ((ball_adj	EPO; JPO;	
		bond) (stitch adj bond))) and ((stitch adj	DERWENT	
		bond) near3 (ball pad))		